

**CLAIM AMENDMENTS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A test including the following steps:-
  - (a) providing a screen which can be viewed by the test subject;
  - (b) presenting for a predetermined period on said screen a plurality of first symbols randomly and widely scattered over said screen, said first symbols being identical or having one or more differences between them; while simultaneously presenting on said screen a random tracking test in which the test subject is required to steer a controllable second symbol along a varying route using manual controls;
  - (c) requiring the test subject to verbally or otherwise positively identify one or more preselected characteristics of said first symbols; while simultaneously requiring the test subject to steer said controllable symbol along said varying route without altering said steering of said controllable symbol along said varying route in response to said first symbols;
  - (d) recording the results of the test subject's identification and tracking performance;
  - (e) repeating steps a-d many times, but with the disposition of said first symbols on said screen being varied randomly for each repetition of step (b).
2. (Original) The test as claimed in claim 1, wherein said predetermined period is in the range 3-6 sec.

3. (Original) The test as claimed in claim 2 wherein the interval between consecutive tests is approximately 1 sec.

4. (Previously Presented) The test as claimed in claim 1, wherein said first symbols are divided into two or more groups, with the symbols in one group being different to the symbols in the or each other group, and in step (c), the test subject is required to identify a preselected difference between said groups.

5. (Original) The test as claimed in claim 4 wherein said first symbols comprise two groups of horizontal arrows, one group of arrows pointing from right to left, and the other group of arrows pointing from left to right; and in step (c) the test subject is required to identify whether all the arrows appearing on the screen point in the same direction or not.

6. (Cancelled)

7. (Previously Presented) The test as claimed in claim 1 wherein in step (c) the test subject is required to give a verbal identification of said one or more preselected characteristics of said first symbols.

8. (Currently Amended) The test as claimed in claim 7 wherein said [[a]] verbal identification is recorded by a tester.

9. (Original) The test as claimed in claim 7 wherein said verbal identification is recorded by a voice recognition computer programme.

10. (Previously Presented) The test is claimed in claim 1 wherein in step (c) the test subject is required to identify said one or more preselected characteristics of said first symbols by making a preselected motor response.

11. (Original) The test as claimed in claim 10 wherein said motor response consists of pressing a switch.

12. (Cancelled)

13. (Previously Presented) The test as claimed in claim 1 wherein said manual controls consist of a joystick.

14. (Previously Presented) The test as claimed in claim 1 wherein said manual controls consists of a steering wheel.

15. (Previously Presented) The test as claimed in claim 1 wherein said varying route is provided by a curve which moves vertically down the screen.

16. (Original) The test as claimed in claim 15 wherein said controllable second symbol consists of an arrow, and in step (c) the test subject is required to steer the arrow so that the point of the arrow remains on the curve.

17. (Previously Presented) The test as claimed in claim 1 further including the following step:-

(f) assessing the test subject's test results by comparison with standards established by carrying out identical tests on control subjects of known competence.

18. (Currently Amended) A sequence of tests consisting of three tests, the first test including the following steps:-

[(a)] (1) providing a screen which can be used by the test subject;

[(b)] (2) presenting for a predetermined period on said screen a plurality of first symbols randomly and widely scattered over said screen, said first symbols being identical or having one or more differences between them;

[(c)] (3) requiring the test subject to identify one or more preselected characteristics of said first symbols;

[(d)] (4) recording the results of the test subject's identification;

[(e)] (5) repeating steps [(a - d)] (1)-(4) many times, but with the disposition of said first symbols on said screen being varied randomly for each repetition of step [(b)] (2); said second test including the following steps:-

[(a)] (i) providing a screen which can be viewed by the test subject;

[(b)] (ii) presenting on said screen a random tracking test in which the test subject is required to steer a controllable second symbol along a varying route using manual controls;

[(c)] (iii) recording the results of the test subject's tracking performance;

[(d)] (iv) repeating steps [(a - c)] (i) - (iii) many times;

the third test comprising a test, including the steps: as claimed in claim 1 or claim

47.

(a) providing a screen which can be viewed by the test subject;

(b) presenting for a predetermined period on said screen a plurality of first symbols randomly and widely scattered over said screen, said first symbols being identical or having one or more differences between them; while simultaneously presenting on said screen a random tracking test in which the test subject is required to steer a controllable second symbol along a varying route using manual controls;

(c) requiring the test subject to verbally or otherwise positively identify one or more preselected characteristics of said first symbols, while simultaneously requiring the test subject to steer said controllable symbol along said varying route without altering said steering of said controllable symbol along said varying route in response to said first symbols;

(d) recording the results of the test subject's identification and tracking performance;

(e) repeating steps a-d many times, but with the disposition of said first symbols on said screen being varied randomly for each repetition of step (b).

19. (New) A sequence of tests consisting of three tests, the first test including the following steps:

- (1) providing a screen which can be used by the test subject;
- (2) presenting for a predetermined period on said screen a plurality of first symbols randomly and widely scattered over said screen, said first symbols being identical or having one or more differences between them;
- (3) requiring the test subject to identify one or more preselected characteristics of said first symbols;
- (4) recording the results of the test subject's identification;
- (5) repeating steps (1) - (4) many times, but with the disposition of said first symbols on said screen being varied randomly for each repetition of step (2); said second test including the following steps:-
  - (i) providing a screen which can be viewed by the test subject;

- (ii) presenting on said screen a random tracking test in which the test subject is required to steer a controllable second symbol along a varying route using manual controls;
- (iii) recording the results of the test subject's tracking performance;
- (iv) repeating steps (i) - (iii) many times;

the third test comprising a test including the following steps:

- (a) providing a screen which can be viewed by the test subject;
- (b) presenting for a predetermined period on said screen a plurality of first symbols randomly and widely scattered over said screen, said first symbols being identical or having one or more differences between them, while simultaneously presenting on said screen a random tracking test in which the test subject is required to steer a controllable second symbol along a varying route using manual controls;
- (c) requiring the test subject to verbally or otherwise positively identify one or more preselected characteristics of said first symbols, while simultaneously requiring the test subject to steer said controllable symbol along said varying route without altering said steering of said controllable symbol along said varying route in response to said first symbols;
- (d) recording the results of the test subject's identification and tracking performance;
- (e) repeating steps (a)-(d) many times, but with the disposition of said first symbols on said screen being varied randomly for each repetition of step (b);
- (f) assessing the test subject's test results by comparison with standards established by carrying out identical tests on control subjects of known competence.